

## Experimental Overview

Glycerol is a necessary chemical component in our final solution for enzyme survival. In order to discover whether Glycerol would contribute significant amount of noise to our current signal, we created an NADH curve at 0, 10, 100, and 1000  $\mu\text{M}$  with 0, 0.1, 0.01, 0.025% Glycerol concentration. This gave us the curve that we can assess that whether the curve had unreasonable levels or noise or not. It came out that 0.1% glycerol would give us the NADH curve that is similar to the standard NADH curve without glycerol.

